

U.S Application Serial No. 10/538,286
Information Disclosure Statement
Dated: August 9, 2007

B-7240 *flaw*



In re Application of:
Heiko Brunner, Wolfgang Dahms, Thomas Moritz, Udo Grieser, Akif özkök
Application Serial No.10/538,286
Filing Date: July 5, 2005
National Phase Application in the United States corresponding to:
International Application No. PCT/EP2003013994
International Filing Date: September 12, 2003
Claiming a priority date of December 20, 2002;
For: Mixture of Oligomeric Phenazinium Compounds and Acid Bath for Electrolytically
Depositing a Copper Deposit

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited today with the United States Postal Service as first-class, postage-prepaid mail in an envelope addressed to the: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

8/9/07

Frank J. Bonini
Frank J. Bonini
Reg. No. 35,452

AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT

The Commissioner is hereby authorized to charge any additional fees which may be required by this paper and during the pendency of this application to Account No. 05-0208.

Date

8/9/07

Frank J. Bonini
Frank J. Bonini
Reg. No. 35,452

INFORMATION DISCLOSURE STATEMENT

Applicant is aware of the following references listed on the enclosed Form PTO-1449, and encloses copies thereof.

U.S. PATENT DOCUMENTS

<u>PATENT/APPLICATION NO.</u>	<u>DATE</u>	<u>INVENTOR</u>
US 4,551,212	May 11, 1985	Srinivas T. Rao et al.
US 2,707,167	April 26, 1955	Edwin W. Hoover
US 3,267,010	April 16, 1962	Hans-Gerhard Creutz et al.
US 3,101,305	August 20, 1963	Emil Roth et al.
US 5,849,171	December 15, 1998	Wolfgang Dahms et al.
US 5,433,840	July 18, 1995	Wolfgang Dahms et al.
US 6,425,996	July 30, 2002	Wolfgang Dahms et al.
US 2,707,166	April 26, 1955	Henry Brown et al.
US 6,242,602	June 5, 2001	Punam Giri et al.
US 3,778,357	Dec. 11, 1973	Wolfgang Dahms et al.

FOREIGN PATENTS DOCUMENTS

<u>PATENT NO.</u>	<u>DATE</u>	<u>COUNTRY</u>	<u>TRANSLATION</u>
DE 1004880 B	Mar. 21, 1957	Germany	Yes
JP 60056086 A	April 1, 1985	Japan	(Abstract)
GB 1357442 A	June 19, 1974	Great Britain	Yes
DE 1521062	Aug. 14, 1969	Germany	Yes
DE 2028803	Dec. 16, 1971	Germany	No
DE 1218247	June 2, 1966	Germany	(Abstract)

DE 1165962	Mar. 19, 1962	Germany	No
DE 1152863	Aug. 14, 1963	Germany	Yes
DD 261 613 A1	Nov. 2, 1988	Germany	No
DE 4032864 A1	Apr. 16, 1992	Germany	Yes
GB 2141140 A	Dec. 12, 1984	Great Britain	Yes
GB 2141141 A	Dec. 12, 1984	Great Britain	Yes
DE 2039831	Jan. 5, 1972	Germany	Yes
DE 947656	Aug. 23, 1956	Germany	Yes
DE 1246347	Aug. 3, 1967	Germany	(Abstract)

OTHER DOCUMENTS

<u>DOCUMENT NAME</u>	<u>DATE</u>	<u>COUNTRY</u>	<u>TRANSLATION</u>
<i>One-Pot Synthesis of 1,4-Dichlorophenazines</i>	1997	Great Britain	Yes
<i>Über die Kondensation von Hydroxy-chinonen mit o-Phenylendiamin und o-Aminophenolen</i>	August 30, 1960	Germany	No

REMARKS

It is respectfully requested that the documents listed in this Information Disclosure Statement be considered by the Examiner in this patent application and made of record therein.

The relevance of DE 947656, which is not in the English language, is set forth in the corresponding U.S. patent 2,707,166 which is submitted herewith, and is discussed in the specification at p. 2, lines 5-7 and lines 19-21.

The relevance of DE 1004880, which is not in the English language, is set forth in the corresponding U.S. patent 2,707,167 which is submitted herewith, and is discussed in the specification at p. 2, lines 10-15 and lines 19-21.

The relevance of JP 60056086, which is not in the English language, is set forth in the English language abstract submitted herewith, is mentioned in the International Preliminary Examination Report, and is discussed in the specification at p. 2, lines 16-21, p.4, lines 22-23 and line 27, and p. 40, line 32 to p. 41, line 1.

The relevance of DE 1152863, which is not in the English language, is set forth in the corresponding U.S. patent 3,101,305, which is submitted herewith, and is discussed in the specification at p. 2, lines 24-27, and p. 3, lines 14-16.

The relevance of DE 1165962, which is not in the English language, is discussed in the specification at p. 2, lines 27-31, and p. 3, lines 14-16.

The relevance of DE 1218247, which is not in the English language, is set forth in the English language abstract submitted herewith, and is discussed in the specification at p. 3, lines 1-6 and lines 15-16.

The relevance of DE 1246347, which is not in the English language, is set forth in the English language abstract submitted herewith, and is discussed in the specification at p. 3, lines 19-27, and p. 4, lines 10-13.

The relevance of DE 1521062, which is not in the English language, is set forth in the corresponding U.S. patent 3,267,010, which is submitted herewith, and is discussed in the specification at p. 3, lines 29-32, and p. 4, lines 1-13.

The relevance of DE 2028803, which is not in the English language, is set forth in

the corresponding GB patent 1,357,442 which is submitted herewith, and is discussed in the specification at p. 4, lines 29-30 to p. 5, lines 2-5, p. 7, lines 9-11, and p. 8, line 27.

The relevance of DE 2039831, which is not in the English language, is set forth in the corresponding GB patent 1,357,442 which is submitted herewith, and is discussed in the specification at p. 4, lines 29-30, p. 5, lines 2-8, p. 7, lines 9-11, p. 8, line 28, p. 12, lines 19-21, p. 13, lines 3-4, and p. 41, line 13.

The relevance of DE 4032864, which is not in the English language, is set forth in the corresponding U.S. patent 5,849,171, which is submitted herewith. This reference is known as D10 in the International Preliminary Examination Report, which states that it “relate[s] to the electrodeposition of copper by addition of a polyphenazinium derivative to the copper bath. D10 do[es] not give any indication about the polymerization’s degree of the polyphenazinium.”

The relevance of DD-A-261613, which is not in the English language, is that this reference is known as D11 in the International Preliminary Examination Report, which states that it “relate[s] to the electrodeposition of copper by addition of a phenazinium derivative to the copper bath. [This] document do[es] not mention the use of bi or triphenazinium or a mixture thereof.”

The relevance of the publication, which is not in the English language, “Über die Kondensation von Hydroxy-chinonen mit o-Phenylendiamin und o-Aminophenolen” is that compounds and chemical formulae are disclosed.

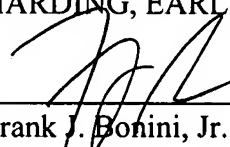
If the Examiner requires further information regarding any of the references the Examiner is invited to contact the applicants undersigned representative.

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The Commissioner is authorized to charge any additional fees which may be required to Patent Office Deposit Account No. 05-0208.

Respectfully submitted,
HARDING, EARLEY, FOLLMER & FRAILEY

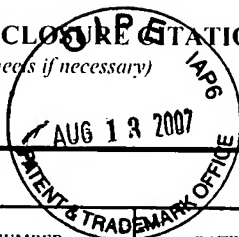


Frank J. Bonini, Jr.
Registration No. 35,452
86 The Commons at Valley Forge East
1288 Valley Forge Road
P. O. Box 750
Valley Forge, PA 19482-0750
Telephone: 610-935-2300
Attorney for Applicant

Date: 8/9/07

INFORMATION DISCLOSURE STATION

(Use several sheets if necessary)



Docket Number (Optional)		Application Number 10/538,286
Applicant(s) Heiko Brunner, Wolfgang Dahms, Thomas Moritz, et al.		
Filing Date July 5, 2005	Group Art Unit	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		US 4,551,212	11/05/1985	Srinivas T. Rao et al.			03/11/1985
		US 2,707,167	04/26/1955	Edwin W. Hoover			05/26/1952
		US 3,267,010	04/16/1962	Hans-Gerhard Creutz et al.			04/16/1962
		US 3,101,305	08/20/1963	Emil Roth et al.			03/12/1958
		US 5,849,171	12/15/1998	Wolfgang Dahms et al.			10/04/1996

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		DE 1004880 B	03/21/1957	Germany			✓	
		JP 60056086 A	04/01/1985	Japan				✓
		GB 1357442 A	06/19/1974	Great Britain			✓	
		DE 1521062	08/14/1969	Germany			✓	
		DE 2028803	12/16/1971	Germany				✓

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

	Antonio Guirado, Alfredo Cerezo, M. Carmen Ramirez de Arellano "One-Pot Synthesis of 1,4-Dichlorophenazines" (1997) pp. 6183-6194
	Hermann Beecken, Hans Musso "Über die Kondensation von Hydroxy-chinonen mit o-Phenylendiamin und o-Aminophenolen" (August 30, 1960)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

Application Number

10/538,286

Applicant(s)

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		US 5,433,840	07/18/1995	Wolfgang Dahms et al.			07/22/1992
		US 6,425,996	07/30/2002	Wolfgang Dahms et al.			12/17/1998
		US 2,707,166	04/26/1955	Henry Brown et al.			05/26/1952
		US 6,242,602	06/05/2001	Punam Giri et al.			03/29/1999
		US 3,778,357	12/11/1973	Wolfgang Dahms et al.			12/22/1972

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		DE 1218247	06/02/1966	Germany				✓
		DE 1165962	03/19/1964	Germany				✓
		DE 1152863	08/14/1963	Germany			✓	
		DD 261 613 A1	11/02/1988	Germany				✓
		DE 4032864 A1	04/16/1992	Germany			✓	

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							YES	NO
		GB 2141140 A	12/12/1984	Great Britain			✓	
		GB 2141141 A	12/12/1984	Great Britain			✓	
		DE 2039831	01/05/1972	Germany			✓	
		DE 947656	08/23/1956	Germany			✓	
		DE 1246347	08/03/1967	Germany				✓

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